

Title (en)
Dicarboxamide derivatives

Title (de)
Dicarboxamid-Derivate

Title (fr)
Dérivés de dicarboxamide

Publication
EP 1847537 A1 20071024 (EN)

Application
EP 06112897 A 20060421

Priority
EP 06112897 A 20060421

Abstract (en)
The invention is concerned with dicarboxamide derivatives of formula (I) wherein R 1 , R 2 , R 3 , R 4 , R 5 and R 6 are as defined in the specification, as well as physiologically acceptable salts thereof. These compounds inhibit the coagulation factor Xa and can be used as medicaments.

IPC 8 full level
C07D 401/12 (2006.01); **A61K 31/444** (2006.01); **A61P 7/02** (2006.01)

CPC (source: EP KR US)
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Citation (applicant)
• WO 03045912 A1 20030605 - WARNER LAMBERT CO [US], et al
• CHENG, Y. C.; PRUSOFF, W. H.: "Relationship between the inhibition constant (K_i) and the concentration of the inhibitor that causes 50 percent inhibition (IC₅₀) of an enzyme reaction", BIOCHEM. PHARMACOL., vol. 22, 1973, pages 3099 - 3108
• LOTTENBERG R ET AL.: "The action of thrombin on peptide p-nitroanilide substrates. Substrate selectivity and examination of hydrolysis under different reaction conditions", BIOCHIM BIOPHYS ACTA, vol. 742, no. 3, 15 February 1983 (1983-02-15), pages 539 - 57, XP008085208, DOI: doi:10.1016/0167-4838(83)90272-8
• EADIE G.S.: "The inhibition of cholinesterase by physostigmine and prostigmine", J. BIOL. CHEM., vol. 146, 1942, pages 85 - 93
• JACS, vol. 80, 1958, pages 6568

Citation (search report)
• [E] WO 2006048152 A2 20060511 - HOFFMANN LA ROCHE [CH], et al
• [YD] WO 03045912 A1 20030605 - WARNER LAMBERT CO [US], et al
• [Y] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12 5 December 2003 (2003-12-05)

Cited by
EP2978425A4; US9809545B2

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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AL BA HR MK YU

DOCDB simple family (publication)
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DOCDB simple family (application)
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